

Some typical Costs- costs can vary considerably depending on soil conditions, utility conflicts, storm sewer requirements, land use, terrain, moving dirt or having to blast through rock.

- 1) MDOT US-41 near Baraga- \$2.9 million for 1.5 miles of road (\$1.93 million per mile), included \$260,00 for ROW costs, \$243,00 for engineering
  - Road was offset 0-100 feet
  - 5.5 inches of asphalt- 3 layers
  - Flat terrain
  - 1 cross culvert
  - Included re-building a railroad intersection
- 2) MDOT UP- average cost to reconstruct bituminous paving is \$956,000 per lane mile or or \$1.9 million for a 2 lane road.

County Projects- asphalt not at thick typically 3-4 inches

- 3) Ingham County- \$400,000-\$600,000 per lane mile for reconstruction or \$800,000-\$1.2 million for a 2 lane road.
  - Design fees 7-12% of construction costs
  - Construction engineering 8-13% of construction
  - ROW varies widely- \$0.35 a sft for rural areas up to \$22 a sft in some urban settings
- 4) Allegan County- \$200,000 per mile on gravel roads with decent soils, minimal dirt movement, add \$140,000 per mile to add 3 inches of asphalt.
  - Design fees \$8000 for a consultant
  - ROW 0-\$5,000
  - Estimating about \$1,000,000 for a new 1 mile section of paved all seasons road next year with \$20,000 for design engineering and \$50,000 for ROW.
- 5) Wexford County- \$500,000 per mile for a standard new county road with decent soils, nothing special- not including engineering or ROW.
  - \$300,000-\$400,000 per mile to reconstruct a standard generic road not hills or big cuts, no undercuts or swamp work
  - \$900,000 per mile estimate for a current urban reconstruct job out for bid with a bridge and cul-de-sac
  - \$3 million per mile to reconstruct road in downtown Cadillac
  - \$6 million per mile to build US 131 freeway around Manton not including bridges
- 6) Eaton County- \$2.6 million bid for new 1 mile section of road (currently gathering more details)
  - 10% for design
  - 10-15% extra for construction